

REMARKS

Claims 1-21 are pending in this application. Claims 1-21 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Publication No. 2001/0036823 to Van Lieshout et al. (hereinafter "Van Lieshout").

Applicants respectfully submit that Van Lieshout does not teach or suggest all of the elements of the claimed invention.

Van Lieshout discloses a radio access network (RAN) where information may be sent to a mobile radio unit using a radio channel shared by other mobile radio units. In order to facilitate the transfer of information, a transport bearer is established between a first RAN and second Node. Van Lieshout also discloses a second transport bearer for transmitting the control information. (See Abstract and paragraphs 0003, 0005, and 0040-0041.)

However, Van Lieshout does not disclose a radio resource management function for managing radio resources using data from a central database, as claimed in the present invention. By storing the data in a centralized database, the present invention eliminates the need to transport the data. Since Van Lieshout teaches the transportation of the data and not storing the data in a centralized data base, Van Lieshout does not teach or suggest all of the elements of claim 1.

Claims 2-11 depend on claim 1 and the applicant respectfully submits that claims 2-11 are patentable for the same reasons as claim 1.

The Examiner has rejected claim 13 as being anticipated by Van Lieshout paragraphs 0004-0006. However, Van Lieshout does not disclose providing data storage. Similarly, Van Lieshout does not disclose storage resource allocation information, accessing the data storage, or updating the data storage. Further, Van Lieshout does not disclose performing a Radio Resource Management function. Since none of the elements of claim 13 are disclosed in Van Lieshout, Applicants respectfully submit that claim 13 is patentable over the prior art.

Claims 14-20 depend on claim 13 and Applicants respectfully submit that claims 14-20 are patentable for the same reasons as claim 13.

The Examiner has rejected claim 21 as being anticipated by Van Lieshout paragraphs 0004-0006. However, Van Lieshout does not disclose storing commonly used data in a central database. Similarly, Van Lieshout does not disclose initializing the central database, storing operations and maintenance information, retrieving cell data and wireless transmit/receive unit data from the central data base, or storing information regarding the resources allocated to a newly admitted call in a central data base. Further, Van Lieshout does not disclose executing the call admission control routine and allocating resources to the newly admitted call. Since none of the elements of claim 21 are disclosed in Van Lieshout, Applicants respectfully submit that claim 21 is patentable over the prior art.

Applicant: Lu et al.
Application No.: 10/681,026

If the Examiner does not believe that the claims are in condition for allowance, the Examiner is respectfully requested to contact the undersigned at 215-568-6400.

Respectfully submitted,

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